



PCT10

RAW SEQUENCE LISTING DATE: 02/08/2002
PATENT APPLICATION: US/10/030,386 TIME: 11:15:38

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\J030386.raw

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54 taattttgca taaatcaa cttggcaa at tcattgattt tgtaaaccgt taattctgct 1740
55 aatttcacaa ttctttgtc cgctaaaaat ttatgcgtat tatcgattt atatgcaa at 1800
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57 gtgaaaataac actaattaat taatttagagt ttgaacctac agagatcga ctgtatccac 1920
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59 gtaggactct aacaactgac ttgacacaat ctcttcgtg aacaataatg gtttatattt 2040
60 ttttgggg tttttcgga caaaattagcc acgttgctt agaccatttt gtagttctta 2100
61 tcttgaatca aagtctcagc taaaaaaaaaaa aaaaaaacgc ttaaatccac tagtagact 2160
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63 taaagaaaat ctaatcagca tgtatacagt atatttagaa taataacttga tcagaaaaat 2280
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67 tgtactaagt taataacctt gcaaagaaaat tcttttagtgg aaacgtgtac atttgtaaaa 2520
68 acagatttaa cactaaatct tgacttgat atactattaa ttattccctt tcttttattt 2580
69 gtatgtcaaa tcttagtggt acaaaaccag aggtgttgcg cgttagagag agaattaaac 2640
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80 ttatttgcacaaa cattttttttcc tttttttttt tttttttttt tttttttttt tttttttttt 3300
81 ttatttataat tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 3360
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86 <211> LENGTH: 912
87 <212> TYPE: DNA
88 <213> ORGANISM: Arabidopsis thaliana
90 <400> SEQUENCE: 2
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93 ctaatttgcgtc ctttaccgtt tatttgcgtc ataaacttgc actcaacccat agacccaaac 180
94 ccttaatccct tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 240
95 cgtgaagtgg acgtggactt acacatccggc ctttctgggtt tttttttttt tttttttttt tttttttttt 300
96 gctaaacagc tgaagaagag aaatggaaag gagatgc tttttttttt tttttttttt tttttttttt 360
97 atcgagaatg aactttccgg aaaggccatc tttttttttt tttttttttt tttttttttt tttttttttt 420
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103 aagggcgatt ggcgaacaca tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 780
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109 <210> SEQ ID NO: 3
110 <211> LENGTH: 303
111 <212> TYPE: PRT
112 <213> ORGANISM: Arabidopsis thaliana
114 <400> SEQUENCE: 3
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119 20 25 30
121 Gln Asn Ser Cys Ile Asn Asn Thr Leu Ile Glu Pro Leu Pro Leu Ile
122 35 40 45
124 Asp Arg Ile Asn Leu Asn Ser Asn Leu Asp Leu Asn Pro Asn Pro Leu
125 50 55 60
127 Tyr Ala Glu Glu Gly Glu Gln Glu Glu Glu Glu Glu Glu Asp
128 65 70 75 80
130 Arg Glu Val Asp Val Asp Leu His Ile Gly Leu Pro Gly Phe Gly Lys
131 85 90 95
133 Pro Ser Asn Asp Ala Lys Gln Leu Lys Lys Arg Asn Gly Lys Glu Ile
134 100 105 110
136 Ala Thr Tyr Asp Ala Gly Lys Gly Ile Glu Asn Glu Leu Ser Gly Lys
137 115 120 125
139 Ala Tyr Trp Ile Pro Ala Pro Glu Gln Ile Leu Ile Gly Phe Thr His
140 130 135 140
142 Phe Ser Cys His Val Cys Phe Lys Thr Phe Asn Arg Tyr Asn Asn Leu
143 145 150 155 160
145 Gln Met His Met Trp Gly His Gly Ser Gln Tyr Arg Lys Gly Pro Glu
146 165 170 175
148 Ser Leu Lys Gly Thr Gln Pro Arg Ala Met Leu Gly Ile Pro Cys Tyr
149 180 185 190
151 Cys Cys Val Glu Gly Cys Arg Asn His Ile Asp His Pro Arg Ser Lys
152 195 200 205
154 Pro Leu Lys Asp Phe Arg Thr Leu Gln Thr His Tyr Lys Arg Lys His
155 210 215 220
157 Gly His Lys Pro Phe Ser Cys Arg Leu Cys Gly Lys Leu Leu Ala Val
158 225 230 235 240
160 Lys Gly Asp Trp Arg Thr His Glu Lys Asn Cys Gly Lys Arg Trp Val
161 245 250 255
163 Cys Val Cys Gly Ser Asp Phe Lys His Lys Arg Ser Leu Lys Asp His
164 260 265 270
166 Val Lys Ala Phe Gly Ser Gly His Gly Pro Tyr Pro Thr Gly Leu Phe
167 275 280 285
169 Glu Glu Gln Ala Ser Asn Ser Ser Val Ser Glu Thr Leu Phe Phe
170 290 295 300
174 <210> SEQ ID NO: 4
175 <211> LENGTH: 1816
176 <212> TYPE: DNA
177 <213> ORGANISM: Arabidopsis thaliana
179 <400> SEQUENCE: 4

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180 atggagtcac caccactata cgagatatcc tcaagctttt cttctgaaaa accttagacac 60
181 catttccaat cccttgatct ctcccctaac ctcaccaaa actcttgtat caacaatacc 120
182 ctaattgagc ctttaccgct tattgatcgac ataaaacttga actcaaacctt agacctaaac 180
183 cctaattccct tgatgcggg agaaggagag caagaggagg aagaagaaga agaagaagac 240
184 cgtgaagtgg acgtggactt acacatcgcc cttcctgggtt ttggtaaacc aagcaatgt 300
185 gctaaacagc tgaagaagag aaatggaaag gagatcgcca catatgacgc cgaaaaaggc 360
186 atcgagaatg aactttccgg aaaggcatac tggatcccg cggccggagca aattctcata 420
187 gggttcactc atttttcttg ccatgtatgc ttcaagacat tcaatcgcta caacaatctt 480
188 caggtacgag tcaatataatc tcatgcgc tgcacaaaaca tatataataa 540
189 attcatctt tagagttata tctccggatc taatgtttagt agtttattca tatctatata 600
190 tatacatata tatatatata tatatatata tatatatata attctgaatt tatttgataa 660
191 aagctaaaca accaggattt aatagatgtt ttacctttgg atcttattat acaatttaca 720
192 aatttaatca agtcaactaa tcgtgatttta attactttt tttgtaagaa gagttggtaa 780
193 tatatatattt tatggtatgtt ttttcatgaa aataattcat cacaacttta tacattttt 840
194 taatgcctt actaaagctg aattcgaaaa agttgaaata aattatctac taagatttga 900
195 ttgactatag tttttaatag ttttcttttc tcatatataatttattat tagtcaaaac 960
196 atttgattca aacttaaata cacagatttgc ttgaatgaaa cattactatg ctcggtaat 1020
197 aatatgattt taaggaacca tggttatttca ttttattact taaggaaacc tttttgtttt 1080
198 ttgttgcgtc taaatattat gaatatagat gcacatgtgg ggacatgggtt cacaatacag 1140
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208 cattaattgt ctgcgtttaag atagaatagg gtttgaattt atcaaattt aaaaacagat 1740
209 caatacaaaa ttgaccatgc atatgcactt gaatattctg atttctttat gatgtaatct 1800
210 cattcaagaa aagttt 1816

VERIFICATION SUMMARY
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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:280 W: Numeric Identifier already exists, <140> found multiple times
L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date